| • | (| 1 | OCT | 2 0 | 200 | ₹ 3/2 | A | | | 242-0 A | ±12 | | | |
|---|----------|------------------------|-------|-------|----------------|----------|----------------------|--------|--|--|--------------|-----------------------------|--|-----|
| Form PTO-1449 Atty. Do 2271/6 Applican | | | | | | | | | | | | | Sheet 1 of 3 Serial No. 09/924,832 | |
| | | | | | | | | | | | | Applicant Toshifumi TOGASHI | | |
| | шт | | | se s | B | Y A | Filing Date August 8 | | Group 3653 | | | | | |
| | | | | | | | | | U.S. PAT | ENT DOCUMENT | ΓS | | | |
| Examiner Initial | | Document Number | | | | | ber | | Date | Date Name Class Sub- | | Subclass | bclass Filing Date if Appropriate | |
| 25 | | 4 | 6 | 7 | 4 | 7 | 3 | 7 | 06/23/1987 | Murayoshi | | | | |
| 5 | | 5 | 0 | 5 | 8 | 8 | 7 | 7 | 10/22/1991 | Fujiwara ct al. | | | | |
| 25 | | 5 | 7 | 7 | 5 | 6 | 8 | 8 | 07/07/1998 | Kato et al. | | | | |
| | | | | | | | | | | | | | PEIVE | |
| | | | | · | | | | | | | | 00 | 2 2 2003 | |
| | | | | | | | | | | | | | 11000 | 200 |
| | | | | | | | | | | | | Gric | UI U | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | · | | | |
| | | | | | | | | | FOREIGN I | PATENT DOCUM | ENTS | | | |
| | | Document Number | | | | | | | Date Country | | Class | Subclass | Translation | |
| | i | | | | | | | | | | | | Yes | No |
| | | | | | | | _ | Π | 12/22/1986 | Japan | | | 1 1 | |
| ds | JР | | 2 | 9 | $\overline{1}$ | 3 | 2 | 5 | [12/22/1900] | Japan | | | Abstract | |
| <i>J</i> 5 | | 61 | - | 9 | + | 8 | + | 5 6 | | Japan | | | Abstract Abstract | |
| 25 | JР | 61 62 | 2 | 9 | 5 | 8 | 3 | 6 | 12/23/1987 | | | | | |
|)5)5 | JP GB | 61 62 2 | 2 | 9 | 5 | 8 | 3 | 6 | 12/23/1987 04/13/1988 | Japan | | | | |
| 25 | JР | 61 62 2 | 2 | 9 | 5 | 8 | 3 | 6 | 12/23/1987 | Japan Great Britain | | | | |
|)5)5 | JP GB | 61 62 2 | 2 | 9 | 5 | 8 | 3 | 6 | 12/23/1987 04/13/1988 | Japan Great Britain | | | | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Date, Pertin | ent Pages, 1 | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain | Date, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Date, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Date, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Date, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Pate, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain | Pate, Pertin | ent Pages, l | Abstract | |
|)5)5 | JP GB | 61 62 2 2 | 2 1 2 | 9 9 3 | 5 5 0 | 8 6 0 | 3 1 0 | 6 4 0 | 12/23/1987 04/13/1988 10/10/1990 | Japan Great Britain Great Britain mg Author, Title, D | Pate, Pertin | ent Pages, l | Abstract | |